N★DEX

The Law Enforcement National Data Exchange

What is N-DEx?

N-DEx is a powerful automated investigative tool that provides LEA's with the ability to search, link, analyze, and share criminal justice information such as, incident/case reports, incarceration data, and parole/probation data on a national basis to a degree never before possible.

What's in it for me?

Investigative Use

- Conduct nationwide searches from a single access point

- Search for clothing, tattoos, associates, cars, etc. - connecting the dots between persons, places, and things

- Search by Modus Operandi

- Gain notification of similar investigations

Tactical Use

- Identify "hotspots" of crime activity for further drill down

- Access threat level of persons or addresses

- Ability to form additional investigative partnerships

Strategic Use

- Coordinate task forces

- Identify crime trends

- Visualization and mapping features

- Evaluate statistics

N-DEx Vision

To enable the sharing of complete, accurate, timely, and useful information across jurisdictional boundaries and to provide new investigative tools that enhance the Nation's ability to fight crime and terrorism.

"Accessible from your computer via the internet"

"Form chat groups for investigations"

Law Enforcement Perspective

- Provide timely, accurate, relevant Criminal Justice information products and services with easy to use capabilities

- Enhance Law Enforcement's ability to combat crime and terrorism

- Include Law Enforcement Partners in development process

N-DEx Strategic Theme and Goal

National Information Sharing:

To ensure that the N-DEx Program and System expand information access and sharing at local, state, tribal, federal, regional, and national levels to enhance stakeholders' ability to combat crime and terrorism

Data types to be included in N-DEx:

Incident
Event
Case
Incarceration
Booking
Arrest
Probation
Parole

E-mail: ndex@leo.gov
www.fbi.gov/hq/cjisd/ndex/ndex_home.htm

Phone: (304) 625-4219

Requirements
for N-DEx Participation

Who can participate?

Any Law Enforcement agency can participate.

What are the requirements?

Agencies must adhere to national standards for efficient sharing of data.

- National Information Exchange Model (NIEM)
- Law Enforcement Information Sharing Program (LEISP) Exchange Specification (LEXS)

When can I start?

Contact the N-DEx program office to develop a strategy for participation.

How do I start?

Agencies will:

- Sign an operational Memorandum of Understanding (MOU)
- Identify and map incident/case data to the N-DEx Information Exchange Package Documentation (IEPD)
- Obtain network connectivity through an existing CJIS Wide-Area Network (WAN) or connect over the Law Enforcement Online (LEO).

Why are participation requirements important?

To provide criminal justice agencies with data standards and suggestions for participation in the N-DEx Program.
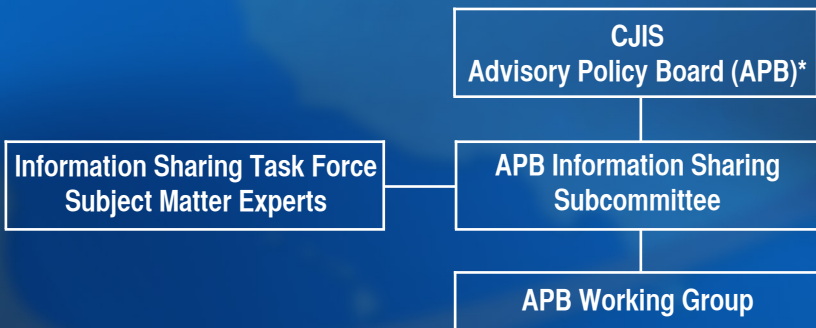
Where do I begin?

The N-DEx IEPD can be downloaded at www.it.ojp.gov.

N-DEx Governance

GUIDING PRINCIPLE:

N-DEx governance and policies are managed and developed cooperatively with the law enforcement community; they are not mandated by the federal government.

N-DEx is an information system administered by the FBI's CJIS Division. CJIS employs a shared management philosophy for development and operation of N-DEx through collaboration with:

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                              │            CJIS             │
                              │ Advisory Policy Board (APB)* │
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┌─────────────────────────────┐   ┌─────────────────────────────┐
│ Information Sharing Task Force│──│   APB Information Sharing    │
│   Subject Matter Experts     │   │       Subcommittee          │
└─────────────────────────────┘   └─────────────────────────────┘
                                            │
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                              │      APB Working Group       │
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* The APB is comprised of local, state, and federal law enforcement.

Oversight, Monitoring, and Reporting
Internal and External

The N-DEx Program Office will prepare and deliver reports and briefings to numerous entities internal and external to the FBI throughout the lifespan of the N-DEx Program. These reports and briefings shall be prepared by the N-DEx Program Management Office staff, coordinated by the N-DEx Deputy Program Manager, and approved by the N-DEx Program Manager. The known entities that will oversee and monitor the N-DEx Program include, but are not limited to:

Internal -

FBI Director

Criminal Justice Information Services Division Assistant Director

N-DEx Change Management Board

Office of the Chief Information Officer (FBI)

Office of Information Technology Policy and Planning

Information Systems Technology Development/Chief Technology Officer

Technical Review Board

Finance Division

The N-DEx Contracting Officer

Security Division

Contract Review Board

The N-DEx Independent Verification and Validation Agent

FBI Information Technology Advisory Board

External -

Office of Management and Budget

Office of the Chief Information Officer, Department of Justice (DOJ)

Office of General Counsel (DOJ)

APB

Information Sharing Sub-committee

Regional Working Group

Department Investment Review Board

Justice Intelligence Coordinating Council

Privacy Impact Assessment (PIA)

The N-DEx Program Office developed a PIA as required by the E-Government Act of 2002 to specifically address the N-DEx compliance with the Privacy Act of 1974.

The PIA assesses the N-DEx system from a privacy prospective, to include:
- What information will be in N-DEx
- How it will be used
- Who will use it

Other N-DEx Data/Privacy considerations

N-DEx has developed highly configurable tools that will allow data contributors to comply with and execute their own privacy laws, policies and practices.

Data contributors maintain control and disposition of the data they contribute; this includes their responsibility to maintain accuracy, timeliness, completeness and relevance of the information they contribute to N-DEx.

The N-DEx PIA is now online at the following web address:
http://foia.fbi.gov/piandex040607.htm

N-DEx Timeline

Operational
March 19, 2008

Summer 2009

Summer 2010

Increment I - Initial Deployment

- Sharing of Incident/Case Report Information
- Correlation (Basic)
- Visualization (Basic)
- Search
- Initial Support 50,000
- Reports

Increment II - Second Deployment

- Add Data Sets - Arrest, Booking, and Incarceration Data
- Correlation (Advanced)
- Visualization (Advanced)
- Subscription/Notification
- Analytical Reporting (Basic)
- 100,000 Users
- Automated Processing
- Collaboration
- Federated Search

Increment I - O & M

Increment III - FOC

- Add Data Sets - Probation/Parole Data
- Enhancements and Modifications Previously Deployed
- Analytical Reporting (Advanced)
- Rolled out Nationally to participants
- 200,000 Users

Increment II - O & M

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